



Arkansas

Biobased Fuels, Power, and Products State Fact Sheet

Growing a Cleaner, Stronger Economy in Arkansas

Arkansas has an estimated total installed biomass capacity of 152 MW, namely from timber residues. The state is making \$11.1 million available during the 2002-2003 fiscal year for water and wastewater projects, which will fund a total of 11 projects.

Arkansas is making strides to boost the biofuels industry by initiating the Advanced Biofuels Tax Credit Act. This income tax credit – only applicable to advanced biofuels like ethanol and methanol that are made from waste – allows a 30% tax credit toward the cost of equipment necessary to produce the fuels.

Arkansas was one of the nine funding recipients chosen by the Southeastern Regional Biomass Energy Program (SERBEP) for biopower and biofuels projects. Several Arkansas groups are working on The Ethanol Feasibility Study for Newport Ethanol Project to convert rice straw feedstock into ethanol for transportation and lignin for power.

Biobased Fuels, Power, and Products in Arkansas

Bio-Industry	Sales (\$1,000)	Employees	Capacity	Number of Facilities
Power	N/A	1,431	152 MW	9
Fuels	3,122	19	N/A	8
Products	33,179	262	- -	2

N/A - no information available

- - Comparative capacity data not available among products

Federal R&D Partners

Agricultural Research Service
(Bonneville)

University of Arkansas
(Fayetteville)

Biomass Resources

Corn:	190,000 acres planted 26,825,000 bushels produced
Soybeans:	2,900,000 acres planted 91,200,000 bushels produced
Wheat:	1,100,000 acres planted 50,440,000 bushels produced
Rice:	1,631,000 acres planted 101,312,000 Cwt produced
CRP:	143,952 acres enrolled
MSW:	2,056,000 tons generated
Forest Land:	18,771,000 acres
Poultry:	1,212,792,000 head
Livestock:	2,125,000 head



Federally Funded Biomass RD&D in Arkansas

Select a project
title for details

U.S. Department of Agriculture

- Systems for Controlling Air Pollutant Emissions and Indoor Environments of Poultry, Swine, and Dairy Facilities
- Understanding the Spatial, Temporal, and Spectral Characteristics of Natural Resources in Arkansas
- Agroforestry Systems for Small Farms in the Mid-South
- Quantitative Modeling of Arkansas Forests with Emphasis on Loblolly Pine
- The Physical Chemistry and Clay Mineralogy of Arkansas Soils

U.S. Department of Energy

- CBHI Expression
- CBHI Improvement

For additional information on RD&D Projects, please click on the project title.

For additional information on state activities, please contact:

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